

CATALOGUE

OF THE

College of New Jersey

FOR THE

ACADEMICAL YEAR,

1875--'76.



PRINCETON, N. J.
1875.

CATALOGUE

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PRINCETON, N. J.
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CXXIXTH COLLEGE YEAR.

First Term, September 8th, to December 22d, 1875.

Second Term, January 5th, to April 12th, 1876.

Third Term, April 26th, to June 28th, 1876.

Annual Commencement, June 28th, 1876.

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Boudinot Fellow in Modern Languages.

DUDLEY GOODALL WOOTEN, A.B., *Paris, Texas.*
Boudinot Fellow in History.

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JOHN POLLOCK BROWN,	Yonkers, N. Y.,	20 S W
OREN BRITT BROWN,	Dayton, Ohio,	8 N R H
WILLIAM ALLEN BUTLER, JR.,	Yonkers, N. Y.,	18 S E
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GEORGE DRAKE SCUDDER,	Trenton,	6 S R H

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SENIORS,		109

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SAMUEL BRATTON,	Elkton, Md.,	3 S R H
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†Not fully examined.

*Partial course.

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JOHN S. ELY,	Cedar Rapids, Iowa,	9 S R H
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SAMUEL HEPBURN MCGILL,	Princeton,	Rev. Dr. McGill's

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†Not fully examined.

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JOHN MOORE,	Bridgeton,	15 N E
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JOHN SCOTT, JR.,	Pittsburgh, Pa.,	16 S W
WILLIAM BERRYMAN SCOTT,	Princeton,	Rev. Dr. Hodge's
FRANK SHEPHERD,	Newton,	1 N M R H
WILLIS BISHOP SKILLMAN,	Pennington,	6 N
WILLIAM EMMETT SLEMMONS,	Cadiz, O.,	13 N E
WALTER LLOYD SMITH,	Elmira, N. Y.,	51 N
WILTON MERLE SMITH,	Elmira, N. Y.,	51 N
FRANCIS SPEIR, JR.,	South Orange,	16 S W
CARL LEOPOLD SPETHMANN,	Port Byron, N. Y.,	23 N
RICHARD AUSTIN SPRINGS,	Fort Mill, S. C.,	13 S W
HUGH SILAS STUART,	Carlisle, Pa.,	3 N R H
WM. STEPHENSON THROCKMORTON,	Freehold,	Mrs. Furman's
PRESCOTT BOYLE VAIL,	New Market,	Mr. Kopp's
GEORGE RICHSTEIN VAN DUSEN,	Philadelphia, Pa.,	11 S E
RICHARD WILDE WALKER, JR.,	Huntsville, Ala.,	7 S E
JOHN HOWELL WESTCOTT,	Philadelphia, Pa.,	7 S M R H
FRANK HINES WIGTON,	Philadelphia, Pa.,	2 S M R H
GEORGE LANGFORD WILEY,	Orange,	Mrs. Cox's
JAMES FRANKLIN WILLIAMSON,	Fairfield, O.,	6 S E

*Partial course.

†Not fully examined

†LUTHER DELORAINE WISHARD,	Knightstown, Ind.,	1 S E
IRA WELLS WOOD,	Trenton,	9 S M R H
JACOB ROBINS WYCKOFF,	Dutch Neck,	4 N E
WILLIAM RONE YOUT,	Belvidere, Ill.,	Mrs. Stonaker's
JUNIORS	- - - - -	108

SOPHOMORE CLASS.

ALBERT DUY ANDERSON,	Lambertville,	Miss Terhune's
GEORGE ALLISON ARMOUR,	Chicago, Ill.,	8 S M R H
EDWIN SWIFT BALCH,	Philadelphia, Pa.,	Mrs. Wright's
WILLIAM BARNUM,	Utica, N. Y.,	Mrs. Conover's
JOHN VERNON BELL,	Kishacoquillas, Pa.,	Mrs. Thomas'
FREDERICK UHLER BERGNER,	Harrisburg, Pa.,	3 N R H
ALFRED LAWRENCE BLACK, JR.,	Jobstown,	48 N
CHARLES CLARKE BLACK,	Mount Holly,	17 S M R H
FREDERIC BONNER,	New York City,	4 N R H
GUSTAVUS ADOLPHUS BRANDT,	Brandt's, Pa.,	17 N W
ROBERT RUFUS BRIDGERS, JR.,	Wilmington, N. C.,	13 S E
MILLARD BROCKWAY,	Haverstraw, N. Y.,	18 S M R H
ARTHUR VERNON BRYAN,	Carbondale, Pa.,	20 N E
JOHN SANDERS CARR,	Philadelphia, Pa.,	10 N W
NATHANIEL CHESTNUT,	Philadelphia, Pa.,	16 S M R H
RICHARD MORTIMER CORWINE, JR.,	Washington, D. C.,	11 S W
GEORGE COULSON,	Cecil Co., Md.,	1 W H
JOHN MOORHEAD CRAWFORD,	Lock Haven, Pa.,	6 N M R H
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WILLIAM TERRELL DAWSON,	Baltimore, Md.,	Mr. O'Brien's
ALAN NEIL DENNISON,	Columbus, O.,	Mrs. Smith's
ALBERT WEBSTER DICKENS,	Bacon Hill, N. Y.,	17 N W
JAMES POTTER DOD,	Princeton,	Mr. Dod's
WILLIAM DULLES, JR.,	Philadelphia, Pa.,	15 S W
MATTHEW GAULT ENERY, JR.,	Washington, D. C.,	11 S W
DAVID FLEMING, JR.,	Harrisburg, Pa.,	Mrs. Higgins'
LEONIDAS P. FUNKHOUSER,	St. Louis, Mo.,	2 S R H
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JAMES GRIFFITHS HENRY,	Princeton,	Mr. Henry's
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SAMUEL MILLER HITCHCOCK,	New York City,	Mr. Dohm's

†Not fully examined.

JAMES EWING HOOD,	Philadelphia, Pa.,	5 S M R H
WILLIAM ASHBY HOUGH,	Highland, Kan.,	42 N
ALONZO CLARKE HUNT,	Metuchen,	1 W H
DAVID OLYPHANT IRVING,	Orange,	6 N W
HENRY SIBLEY JOHNSON,	St. Paul, Minn.,	10 S W
*ROMULUS FRANCISCUS KARGE,	Princeton,	Prof. Karge's
JOHN HENRY KERR,	Pittsburgh, Pa.,	10 S W
GEORGE WILLIAM KRETSINGER,	San Francisco, Cal.,	16 N
WILLIAM FENTON KRUSE,	Philadelphia, Pa.,	16 S M R H
WILLIAM WATSON LAWRENCE,	Pittsburgh, Pa.,	Mr. Brown's
DAVID MITCHELL LIEB,	Bellefonte, Pa.,	52 N
DAVID HENRY LOVELL,	Butler, Pa.,	Seminary
JOHN MONTGOMERY MACFARLAND,	Winchester, Va.,	18 N W
JAMES RIEMAN MACFARLANE,	Towanda, Pa.,	16 N W
JOHN MARKELL,	Lutherville, Md.,	39 N
HENRY MARQUAND,	New York City	1 & 2 Warren's
WILLIAM MORTIMER MATTHEWS,	Glendale, O.,	8 N M R H
ROBERT ATKINSON MAYO,	Brooklyn, N. Y.,	Mrs. Hubbard's
EDWIN SCOTT MCCARTHY,	McVeytown, Pa.,	3 Carpenter's
LEROY WILEY MCCAY,	Baltimore, Md.,	3 Carpenter's
CHAS. WHITE MCCORKLE,	Princeton,	Rev. Dr. McCorkle's
HENRY MATHWEES McDONALD,	Caledonia, N. Y.,	Mr. Maple's
WILLIAM WELLS McDONALD,	Caledonia, N. Y.,	Mr. Maple's
WILLARD SCHOOLAR MACEACHRON,	West Hebron, N. Y.,	16 N
DANIEL MILLER, JR.,	Baltimore, Md.,	Mrs. Hubbard's
DAVID MAGIE MILLER,	Elizabeth,	19 N
SIDNEY HOWARD MOORE,	Green Village,	10 N E
GEORGE STEPHEN MUNSON,	Albany, N. Y.,	1 S R H
RALPH OAKLEY,	New York City,	16 N W
CHARLES DONNELL OBERDORF,	Sunbury, Pa.,	47 N
ROBERT W. FINDLATER OGILVIE,	Washington, D. C.,	4 Carpenter's
AMOS CHASE PALMER,	Baltimore, Md.,	Mrs. Smith's
GEORGE ALFRED PAULL,	Philadelphia, Pa.,	15 S W
WILSON SCHOOLS PHRANER,	Sing Sing, N. Y.,	No. 4 W H No. 2
WILLIAM ROBESON POLK,	New London, Pa.,	Mr. Waibel's
PERCY RIVINGTON PYNE, JR.,	New York City,	9 S E
JAMES MONROE REED, JR.,	Philadelphia, Pa.,	19 S E
JOHN I. BLAIR REILEY,	Clinton, La.,	38 N
FRANCIS DAVID REYNOLDS,	Washington, D. C.,	1 S R H
JAMES WATSON ROBBINS,	New Marlborough, Mass.,	11 N M R H
JOHN STANFORD SAYRE,	Monticello, Mo.,	Mr. N. Conover's
†HUGH STEVENSON,	New York City,	18 N E
DAVID STEWART,	Baltimore Md.,	9 N W
SAMUEL EDWIN TAYLOR,	Butler, Mo.,	40 Sem.

*Partial course.

†Not fully examined.

JAMES BLISS TOWNSEND,	Staten Island, N. Y.,	20 S E
JOHN RICHARD VAN BENSCHOTEN,	Middletown, Conn.,	Mrs. Shann's
PETER ALFRED VAN DOREN,	Princeton,	2 N
WILLIAM DUNCAN VAN DYKE,	Milwaukee, Wis.,	18 S W
EDWARD JAMES VAN LENNEP,	Le Roy, N. Y.,	6 S W
JOHN BANKS WARDLAW,	Cusseta, Ga.,	9 N R II
CHARLES SAMUEL WILLIAMS,	Newburgh, N. Y.,	Mr. Whitcomb's
ABRAM HEEBNER WINTERSTEEN,	Port Carbon, Pa.,	10 N E
SAMUEL STANHOPE WOODS,	Lewistown, Pa.,	8 Carpenter's
SOPHOMORES,	-	92

FRESHMAN CLASS.

SAMUEL ALEXANDER,	New York City,	13 S W
LAWRENCE W. ALLIBONE,	Hickory, Md.,	14 & 15 Warren's
JOHN LEWIS ANDERSON,	Bernardsville,	29 N
ROBERT ARCHER,	Bel Air, Md.,	16 N E
EDWARD FERGUSON ARTHURS,	Baltimore, Md.,	1 N W
THEODORE AYERS, JR.,	Morristown,	1 N W
JOHN STUART BAIRD,	New York City,	Mrs. Terry's
THOMAS GIBSON BETTS,	Washington, D. C.,	Mrs. Clow's
CLARENCE BINGHAM,	Marlboro, N. Y.,	28 N
ROBERT WINTHROP BLACKWELL,	New York City,	Mr. Dolm's
WILLIAM ARNOLD BLAKE,	Allentown,	1 N
ALFRED CLARK BOTSFORD,	Port Jervis, N. Y.,	22 N
CHARLES OSMYN BREWSTER, JR.,	Brookfield, Mass.,	Mrs. Thompson's
ROBERT BRIDGES,	Shippensburg, Pa.,	Carpenter's
HOLMES CATE,	Washington, D. C.,	Mrs. Clow's
ANDREW ALLEN CHAMBERS,	Freehold,	10 N R II
GEORGE CARLTON COMSTOCK,	New York City,	Miss Hageman's
HARRY E. COOKE,	Shoemakertown, Pa.,	22 Warren's
MUNGO J. CURRIE,	Greenville,	Mrs. Whitcomb's
CORNELIUS C. CUYLER,	Philadelphia, Pa.,	10 N W
JOHN D. DAVIS,	Pittsburgh, Pa.,	Mr. Wolfe's
JAMES BRINKERHOFF DAYTON,	Matawan,	Mr. Burroughs'
LOUIS KAY DECKER,	Trenton,	
WILLIAM DELPUECH,	Sheshequin, Pa.,	25 N
†JOHN H. DEMOTT,	Flemington,	15 N W
ALFRED LEWIS DENNIS, JR.,	Newark,	Mr. Anderson's
EVERARD DERENNE,	Philadelphia, Pa.,	Mrs. Whitcomb's
CLEVELAND HOUDLEY DODGE,	New York City,	10 S E
WILLIAM EARL DODGE,	New York City,	10 S E
FLETCHER DURELL,	Elmer,	Mr. Mershon's
†LAFOREST DUTTON,	Bristol, N. H.,	Mr. Allen's
WILLIAM THADDEUS ELSING,	Chicago, Ill.,	3 S E

†Not fully examined.

‡Deceased.

JOHN FARR,	New York City,	10 N M R H
ZEPHANIAH CHARLES FELT,	Galena, Ill.,	Mrs. Thompson's
PHILIP HILTON FRASER,	Jacksonville, Fla.,	Mr. Burroughs'
EDWIN FURMAN,	South Amboy,	Mrs. Voorhees'
†FRANK CHAMPION GARMANY,	Savannah, Ga.,	Mr. Dohm's
†JASPER J. GARMANY,	Savannah, Ga.,	Mr. Dohm's
FORD MORRIS GARVIN,	Evansville, Ind.,	1 N R H
FRANK PATRICK GILMAN,	Mt. Morris,	2 N W
HAROLD GODWIN,	New York City,	4 Warren's
EDGAR MONTGOMERY GREEN.	Carlisle, Pa.,	14 N
†CHARLTON READING GULICK,	Princeton,	3 N
THOMAS CUMING HALL,	New York City,	12 S M R H
ABRAHAM WOODRUFF HALSEY,	Elizabeth,	19 N
PETER JOSEPH HAMILTON,	Mobile, Ala.,	20 Warren's
PARKER HANDY,	New York City,	Mrs. Wright's
SAMUEL ALLEN HARLOW,	Brooklyn, N. Y.,	Mrs. Thompson's
J. STONE HEACOCK,	Rochester, N. Y.,	19 N E
LYNN HELM,	Lake Forest, Ill.,	Mr. Arnheiter's
THOMAS HENRY,	Princeton,	Mr. Henry's
MELVIN HONEYMAN,	Newark,	Mrs. Anderson's
WM. BURHAM ISHAM, JR.,	New York City,	Mrs. Fine's
ALEXANDER FRIDGE JAMIESON,	Alexandria, Va.,	
JOTHAM CLARKE JOHNSON,	Elizabeth,	Mrs. Berrien's
AARON E. JOHNSTON,	Farmingdale,	6 N
ALEXANDER JAMES KERR,	Chicago, Ill.,	3 S E
FRANCIS LARKIN, JR.,	Sing Sing, N. Y.,	Mrs. McGregor's
JAMES LUTHER LEEPER,	Frankfort Springs, Pa.,	1 S E
FRANK HOWARD LORD,	Tucson, Arizona,	Mrs. Van Dyke's
JAMES BROWN LORD,	New York City,	14 S M R H
†MARION LYTLE,	Murfreesboro, Tenn.,	7 N E
THEODORE MONROE MACNAIR,	Dansville, N. Y.,	Mrs. Borden's
WILLIAM FRANCIS MAGIE,	Elizabeth,	Mr. Burroughs'
EGBERT GUERNSEY MARCH,	New York City,	Mrs. Terry's
CHALMERS MARTIN,	Elizabeth,	Mr. Burroughs'
JOHN C. DENMAN MATTHEWS,	Newark,	Mrs. Van Dyke's
WARD McALLISTER,	New York City,	Mrs. Wright's
ROBERT HARRIS McCARTER,	Newark,	Mrs. Wright's
HENRY MITCHELL McCULLOUGH,	Elkton, Md.,	Mrs. Fine's
CHARLES WOLFE McFEE,	Georgetown, Del.,	Mr. Margerum's
DONALD CAMPBELL McLAREN,	Princeton,	Mrs. McLaren's
ALFRED JAMES POLLOCK McCLEURE,	Cullensburgh, Pa.,	52 N
ANDREW GLOVER MERCER,	Waterloo, N. Y.,	Mrs. Smith's
MORTIMER CRAIG MILLER,	Port Perry, Pa.,	9 S W
PHILIPPUS WILLIAM MILLER,	Frankford, Pa.,	Mrs. Stonaker's
HENRY LEE MINOR,	Evansville, Ind.,	1 N R H

†Not fully examined.

WILLIAM WEIDMAN MISH,	Lebanon, Pa.,	Mr. Burroughs'
ROBERT MCKEAN NAZRO,	Milwaukee, Wis.,	18 S W
JOHN HARRIS ORBISON,	Bellefonte, Pa.,	8 Warren's
ELEAZAR PARMLY,	New York City,	17 S W
FRANCIS SOUTHMAYD PHRANER,	Sing Sing, N. Y.,	4 W II No. 2
MAHLON PITNEY,	Morristown,	11 N E
†PAUL POPE,	Wilmington, N. C.,	Mrs. Wright's
THOMAS POULTNEY,	Baltimore, Md.,	1 S W
GEORGE LEWIS PRENTISS, JR.,	New York City,	Mr. Payran's
FRANK SPENCER PRESBREY,	Washington, D. C.,	Mrs. Anderson's
WALTER NEWTON RANKIN,	Washington, D. C.,	Mrs. Anderson's
DAVID COLLINS REID,	West Hebron, N. Y.,	25 N
JAMES LEONARD REYNOLDS,	Newark,	Mr. Margerum's
HOWARD RIDGELY,	Baltimore, Md.,	1 S W
ELWOOD OSBORNE ROESSLE,	Washington, D. C.,	4 N M R II
FREDERIC AUGUSTUS ROLAND,	New Holland, Pa.,	6 N E
WILLIAM BELCHER SEELEY,	Amenia, N. Y.,	Mrs. F. Borden's
EDWARD WRIGHT SHIELDON,	Princeton,	Rev. Dr. Sheldon's
SIDNEY SHERWOOD,	Ballston, N. Y.,	Mrs. Wolfe's
GEORGE ERETY SHOEMAKER,	Bridgeton,	Mrs. Borden's
WALTER HOWARD SLOANE,	New York City,	Mrs. Terry's
LEDRU PIERSON SMOCK,	Hightstown,	Mrs. Cox's
CHARLES MASSEY STEWARD,	Trenton,	Mrs. Couvert's
ANSON BEEBE STEWART,	Rutherford Park,	18 Warren's
JOHN A. STEWART, JR.,	New York City,	5 S W
WILLIAM FRANKLIN STOUTENBURGH,	Schooley's Mountain,	40 N
ROBERT JAY SULLIVAN,	Cincinnati, O.,	10 N R H
GEORGE CUMMINS THOMAS,	Elizabeth,	3 N
EDWARD H. TROTTER,	Philadelphia, Pa.,	Mr. Dohm's
HENRY IRVING VAN HOESEN,	Preble, N. Y.,	Mr. O'Brien's
LOUIS CLARK VANUXEM,	Philadelphia, Pa.,	Mrs. Clow's
JAMES B. WALLER, JR.,	Chicago, Ill.,	Mr. Hudnut's
JAMES EDWIN WEBSTER,	Bel Air, Md.,	Mrs. Fine's
CALVIN WHITING,	Ballston, N. Y.,	Mr. Wolfe's
GEORGE FRANKLIN FORT WILBUR,	Hightstown,	40 N
WILLIAM ROYAL WILDER,	Kolapoor, India,	Rev. Mr. Wilder's
HENRY WILLIAMSON,	Elizabeth,	Mr. E. Allen's
THOMAS WOODROW WILSON,	Wilmington, N. C.,	Mrs. Wright's
JOHN MCGAW WOODBURY,	New York City,	14 N W
HIRAM WOODS, JR.,	Baltimore, Md.,	2 Carpenter's
JACOB RIDGEWAY WRIGHT,	Wilkes-Barre, Pa.,	Mr. Dohm's
ALBERT WYLLY,	Savannah, Ga.,	Mr. Dohm's
SAMUEL JACKSON YATES,	Plainfield,	Mrs. Borden's
GEORGE GREEN YEOMANS,	Princeton,	Mr. Morgan's
FRESHMEN,		121

†Not fully examined.

SUMMARY.

FELLOWS.....	8
SENIORS.....	109
JUNIORS.....	108
SOPHOMORES.....	92
FRESHMEN.....	121
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TOTAL IN ACADEMIC DEPARTMENT.....	438
IN SCHOOL OF SCIENCE.....	45
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TOTAL.....	483

REPRESENTATION.

NEW JERSEY.....	105	KENTUCKY.....	3
NEW YORK.....	104	IOWA.....	3
PENNSYLVANIA.....	93	ALABAMA.....	3
MARYLAND.....	36	MINNESOTA.....	2
DISTRICT OF COLUMBIA.....	20	MISSISSIPPI.....	2
ILLINOIS.....	14	CONNECTICUT.....	2
OHIO.....	13	MICHIGAN.....	1
MISSOURI.....	11	KANSAS.....	1
NORTH CAROLINA.....	10	CALIFORNIA.....	1
WISCONSIN.....	8	LOUISIANA.....	1
GEORGIA.....	6	NEW HAMPSHIRE.....	1
TENNESSEE.....	6	FLORIDA.....	1
VIRGINIA.....	5	ARIZONA.....	1
SOUTH CAROLINA.....	5	JAPAN.....	1
INDIANA.....	4	WALES.....	1
MASSACHUSETTS.....	4	INDIA.....	1
DELAWARE.....	3		
RHODE ISLAND.....	3		
			475

ABBREVIATIONS.

N, Nassau Hall.	S R H, South Entry of Reunion Hall.
N E, North Entry of East College.	N M R H, North Middle Entry Reunion Hall.
S E, South Entry of East College.	S M R H, South Middle Entry Reunion Hall.
N W, North Entry of West College.	W H, Woodhull Hall.
S W, South Entry of West College.	
N R H, North Entry of Reunion Hall.	

ANNUAL COURSE OF STUDY.

FRESHMAN CLASS.

FIRST TERM.

LATIN.—Livy, Books I., XXI. Horace's Odes (Macleane's) One Book. Latin Prose Composition (Arnold's) Part I.
 GREEK.—Demosthenes: The Olynthiacs. Herodotus (Mather's). Goodwin's Moods and Tenses. Greek Prose Composition (Arnold's).
 MATHEMATICS.—Algebra completed.
 ENGLISH.—Rhetoric (Hart's), first two chapters. Punctuation and Dictation. Elocution. Essays.

SECOND AND THIRD TERMS.

LATIN.—Livy, Book XXII. Roman History (Rawlinson's). Horace's Odes (Macleane's) Two Books. Latin Prose (Arnold's) completed.
 GREEK.—Demosthenes; The Olynthiacs. Xenophon's Memorabilia (Two Books). Greek Composition (Arnold's).
 MATHEMATICS.—Geometry (Todhunter's Euclid). Ratio and Proportion.
 ENGLISH.—Rhetoric (Hart's), Chapters III.-VI., Sentences, Figures, Special Properties, and Versification. Essays.
 FRENCH.—Otto's Conversation Grammar, thirty lessons, with oral and written exercises.

SOPHOMORE CLASS.

FIRST TERM.

LATIN.—Horace's Satires or Epistles (One Book). Roman History (Rawlinson's).
 GREEK.—Demosthenes De Corona. Greek History (Smith's).
 MATHEMATICS.—Plane Trigonometry, Mensuration, Navigation, and Surveying.
 ENGLISH.—Rhetoric (Hart's), chapters VIII and IX. Poetry and Prose Composition. Essays.
 FRENCH.—Review of studies of Freshman year. Principles of French Prosody. Bocher's French Reader.
 ANATOMY AND PHYSIOLOGY.

SECOND AND THIRD TERMS.

LATIN.—Tacitus: Histories (Tyler's Edition). Roman History (Rawlinson's).
 GREEK.—Homer's Iliad: Books XVI. and XVIII. Æschylus: The Prometheus.
 MATHEMATICS.—Spherical Trigonometry. Analytical Geometry.
 ENGLISH.—French's Study of Words. Elocution. Essays.
 FRENCH.—Otto's Grammar, from 31st lesson (Reflexive Verbs, continued) to Syntax. Oral and Written Exercises. Bocher's French Reader.
 NATURAL HISTORY.

JUNIOR CLASS.

FIRST TERM.

REQUIRED STUDIES.

LOGIC.—Atwater's Manual.

PSYCHOLOGY.

MECHANICS.

PHYSICS.

SCIENCE AND RELIGION.—Natural Theology and the Physical Sciences.

HISTORY.—Primitive European Civilization.

PHYSICAL GEOGRAPHY (or GEOLOGY).

ENGLISH LITERATURE.—Shaw's New History, with Lectures. Essays.

ELECTIVE STUDIES.

LATIN.—Juvenal. Select Letters of Pliny.

GREEK.—Thucydides (Owen's Edition).

MATHEMATICS.—Differential Calculus.

FRENCH.—Review of Irregular Verbs.

GERMAN.—Otto's German Grammar, 24 lessons. Oral and Written Exercises. Whitney's German Reader.

SECOND AND THIRD TERMS.

REQUIRED STUDIES.

PSYCHOLOGY.

LOGIC and METAPHYSICS.

MECHANICS.

PHYSICS.

PHYSICAL GEOGRAPHY (or GEOLOGY).

HISTORY.—Medieval European Civilization.

SCIENCE AND RELIGION.—Natural Religion and the Mental Sciences.

ENGLISH LITERATURE.—Shaw's New History, with Lectures. Essays. Elocution.

ELECTIVE STUDIES.

LATIN.—Cicero's Epistole (Supple).

GREEK.—Euripides: The Medea.

MATHEMATICS.—Integral Calculus.

FRENCH.—Otto's French Grammar, continued. Syntax. Histoire du Peuple Française (Lacombe). Manual of French Poetry (Mixer).

GERMAN.—Otto's German Grammar, continued to Syntax. Oral and Written Exercises. Whitney's German Reader.

SENIOR CLASS.

FIRST TERM.

REQUIRED STUDIES.

ASTRONOMY.

PHYSICS.

ETHICS.—Gregory's Christian Ethics. Gillett's Moral System.

GEOLOGY (or PHYSICAL GEOGRAPHY).

CHEMISTRY.—Fowne's. Roscoe's. Barker's. Miller's.

ENGLISH LITERATURE.—Lectures. Essays. Speeches.

SCIENCE AND RELIGION.—Butler's Analogy and Bacon's Novum Organum.

ELECTIVE STUDIES.

LATIN and the SCIENCE OF LANGUAGE.—Cicero de Oratore. Whitney's Language and Study of Language. Lectures.

GREEK.—Apology of Socrates. Greek Literature. (Lectures.)

MATHEMATICS.

ASTRONOMY.

PHYSICS.

HISTORY.—English and American Civilization.

CHEMISTRY.—Applied and Organic.

HISTORY OF PHILOSOPHY.—Ueberweg's History of Philosophy, Vol. I.

FRENCH.—Grammar Historique de la Langue Française (Brachet). Le Cid (Corneille).

GERMAN.—Review of the Irregular Verbs. Syntax in Otto's Grammar.

POLITICAL SCIENCE.

SECOND AND THIRD TERMS.

REQUIRED STUDIES.

ASTRONOMY.

PHYSICS.

POLITICAL ECONOMY.

GEOLOGY (or PHYSICAL GEOGRAPHY).

CHEMISTRY.

ENGLISH AND AMERICAN LITERATURE.—Lectures. Essays.

SCIENCE AND RELIGION.—Christian Evidences and Christian Science.

ELECTIVE STUDIES.

LATIN and the SCIENCE OF LANGUAGE.—Lucretius. Lectures on Comparative Inflections, and Syntax.

GREEK.—The Apology of Socrates.

MATHEMATICS.

ASTRONOMY.

PHYSICS.

CHEMISTRY.—Applied and Organic.

HISTORY OF PHILOSOPHY.

HISTORY.—Ancient and Modern Civilization.

FRENCH.—General Review. Lectures on the History of French Language and Literature.

GERMAN.—Die Jungfrau von Orleans (Schiller). Egmont (Goethe). Minna von Barnhelm (Lessing). Lectures on the History of German Language and Literature.

POLITICAL SCIENCE.—Woolsey's International Law.

REGULATIONS OF THE COURSE.

The whole course of study requires four years; one year in each of the four classes into which the students are divided.

The entrance, standing, and graduation of every student are determined by means of examinations at the times and upon the conditions here specified.

ENTRANCE EXAMINATIONS.

Examinations for admission will be held on Friday, June 16, Thursday, June 29, and also on Tuesday, Sept. 12, 1876. *Attendance is required at the beginning of the examination, 9 A. M.* It is advisable that candidates should arrive on the previous evening, and register their names with the President.

Examinations at other times than those specified are very inconvenient, and often impracticable, and applicants for admission at other than the regular days are required to pay \$10 into the Treasury.

SUBJECTS.

Candidates for admission to the Freshman or lowest Class are examined in the following books and subjects:

ENGLISH.—English Grammar; Orthography; Punctuation; Short and Simple English Composition. Geography, Ancient and Modern.

LATIN.—Latin Grammar (including Prosody). Caesar (five books of the Commentaries). Sallust (Catiline or Jugurtha). Virgil (six books of *Æneid*). Cicero's Select Orations (six). Arnold's Latin Prose Compositions (twelve chapters).

GREEK.—Greek Grammar (including Prosody). Goodwin's Greek Reader, 111 pages, (or Xenophon, three books of the *Anabasis*). Homer (the first two books of the *Iliad*, except the catalogue of the ships). Arnold's Greek Prose (thirty exercises, with special reference to writing with the accents). Hadley's and Crosby's Grammars are recommended.

The Continental sound of the vowels and diphthongs in both Latin and Greek is preferred.

MATHEMATICS. — Arithmetic (including the Metric System). Algebra (to Quadratic Equations). Geometry (first book of Euclid, or an equivalent).

Examinations will be both oral and written.

Equivalents will be received in place of the books or parts of books named above; but it is recommended that teachers preparing students for this college as well as candidates themselves, comply strictly with the requirements for admission here prescribed.

Candidates for admission to any class higher than the Freshman are examined in the previous studies of the Class which they wish to enter, as published in the latest annual Catalogue. Applicants for admission to the Sophomore Class are specially examined also in the Preparatory Studies.

CONDITIONS.

No person is admitted to the College as a candidate for the Degree of Bachelor of Arts after the beginning of the First Term of the Senior Year.

All candidates for admission to any Class must bring with them testimonials of moral character; and if the candidate has been a member of another college or university, he must produce a certificate from the President or Faculty that he is free from censure in that institution.

No candidate is admitted into the College but by a vote of the Faculty taken for the purpose after his examination.

On the second day of the First Term, Thursday at 9 o'clock, A. M., the entering students meet in the College Chapel for the registration of their names and their subscription to the following pledge, required by the resolutions of the Board of Trustees passed unanimously at their meeting on the 28th and 29th of June, 1855:

We, the undersigned, do individually for ourselves promise, without any mental reservation, that we will have no connection whatever with any secret society, nor be present at the meetings of any secret society in this or any other College so long as we are members of the College of New Jersey; it being understood that this promise has no reference to the American Whig and Closophic Societies. We also declare that we regard ourselves bound to keep this promise, and on no account whatever to violate it.

SESSIONAL EXAMINATIONS.

At the end of each Session or Term each of the four Classes is publicly examined in the studies of that Term.

The results of a sessional examination are combined with those of the recitations, attendance, and conduct of the student during the Term, and decide the relative standing or grade of the student for that Term.

In computing the grades of a Class, each study is estimated relatively to the others according to the number of hours which it occupies in the Weekly Schedule of Lectures and Recitations.

A report of the standing of each student is made at the close of the Term to his parent or guardian by the Registrar of the College.

Private examinations are not allowed, except in extreme cases, and by special permission of the Faculty.

Absence from an examination, except for reasons of absolute necessity and by vote of the Faculty, will be regarded as a serious delinquency, and cannot be made good by any subsequent examination.

Should a student fail to pass the examination in any of his studies, his name is not entered on the class roll at the beginning of the next Term until he shall have been examined in that study.

On the second day of the next Term, Thursday, at 10 o'clock A. M., all delinquent or unexamined students are required to meet in the chapel prepared for an immediate examination in the studies which they have omitted.

ANNUAL EXAMINATIONS.

At the close of the College year each of the four Classes is publicly examined in all its studies of that year.

The Annual Examinations are conducted both orally and in writing.

The results of the Annual Examination are combined with those of the previous Sessional Examinations and represent the average grade of the student for the year.

Should the average grade of a student prove him unqualified to go forward with advantage in his Class, the question of his dismissal or re-examination at the beginning of the next Term is considered by the Faculty.

BIENNIAL EXAMINATIONS.

At the close of the second year of the course, the annual examination of the Sophomore Class includes all the studies of the Sophomore year, together with such studies of the Freshman year as may be prescribed in the several Departments.

Members of the Sophomore Class, found deficient in any study at this examination, are conditioned and re-examined in that study before they are allowed to proceed to the Elective Courses of the Junior year.

ELECTIVE COURSES.

During the last two years of the course, students have an opportunity of selecting to a certain extent the studies which they will pursue. These elective studies, chosen at the beginning of the college year and for the entire year, will, when chosen, be equally obligatory with the required studies.

On the second day of the First Term, at 12 o'clock, M., the members of the Junior and Senior Classes meet in the Chapel to declare in writing their choice of elective studies and to be enrolled in the several Departments.

For lists of required and elective studies see pages 19 and 20.

FINAL EXAMINATIONS.

BACHELOR'S DEGREE.

At the close of the whole course of study, the members of the Senior Class are publicly examined with a view to their admission to the Degree of Bachelor of Arts.

The final Examination for the Degree embraces all the studies of the Senior

year, together with such studies of the lower Classes in Latin, Greek, and Mathematics as may be prescribed by the Faculty.

The final examination in the studies of the lower Classes is held at the end of the Second Term; and that in the studies of the Senior Year at the middle of the Third Term.

In these examinations the several Departments are counted as of equal value on the scale of the grades.

In computing the final grade of a student his average grades in former years are combined with those resulting from his Final Examinations.

Students whose final grade is above half the maximum are ordinarily recommended by the Faculty for Degrees, and receive diplomas signed by the President and Trustees.

Students who stand high in the Class, in addition to their Degrees, may also receive, by vote of the Faculty, Commencement Orations, indicative of general or special excellence. The Latin Salutatory is ordinarily awarded to the student who stands first in the Class; and the English Salutatory to the student who stands second. The Valedictory is awarded with special regard to the qualifications of the student as a Valedictorian, as well as on the ground of scholarship. Philosophical, Classical, Physical, Metaphysical; Ethical, Historical, Literary, Belles Lettres, French, and German Orations are awarded to students who are eminent respectively in the corresponding Departments.

In awarding all literary honors and distinctions, regard is had by the Faculty to the moral conduct of the candidates.

MASTER'S DEGREE.

The Degree of Master of Arts is conferred in course on every Bachelor of Arts of three years' standing, who, in the interval, shall have sustained a good moral character and pursued professional or other studies and who shall make application for the Degree by letter, to the Clerk of the Faculty, at least one week previous to the Annual Commencement.

The Master's Oration is pronounced by a member of the Class appointed for that purpose by the Faculty, at the Commencement when the Degrees are conferred.

ANNUAL PRIZES AND FELLOWSHIPS.

Besides the Degrees and Honors conferred in the regular course, Prizes, Scholarships, and Fellowships are offered as special incentives to study, in the Classes or Departments with which they are connected.

Only matriculated students, who are candidates for a Degree, are admitted to the competition for Prizes, Scholarships, and Fellowships, and none are admitted to such competition who have failed to pass satisfactorily their last preceding examination in any of the Departments.

No member of any Class is allowed to compete for more than one of the Scholarships or Fellowships offered to that Class.

The names of the Prizemen, Scholars, and Fellows of each year are included in the Honor List for the year.

PRIZES AND SCHOLARSHIPS.

THE JUNIOR ORATOR MEDALS.

Four gold medals, or books of equal value, will be awarded, by a Committee of Judges appointed by the Board of Trustees, to the four best speakers appearing in the oratorical contest on the evening before the Annual Commencement. The competing orators will be eight members of the Junior Class, four from each Literary Society, selected by a Committee of Judges appointed by that Society, from among its own members in the Faculty.

THE MACLEAN PRIZE.

The Maclean Prize, consisting of the sum of \$100, will be given to that one of the orators chosen by the Literary Societies from the Junior Class who shall on the night before Commencement pronounce the best English oration.

The Committee of Judges will be composed of the Professor of Rhetoric and two graduates of the College, appointed by the Board of Trustees.

THE GEORGE POTTS BIBLE PRIZES.

The yearly interest of \$1,000, expended in the purchase of two copies of Matthew Henry's Commentary on the Bible, will be presented to the two best Biblical scholars of the Senior Class at the end of their College course.

DICKINSON PRIZE.

The Dickinson Prize, consisting of a medal of the value of \$60 (or its equivalent in money), will be awarded by the Faculty at the next Commencement to that member of the Junior Class who shall write the best dissertation upon

the subject of *Lord Bacon and Bishop Butler*. The dissertation to be presented on or before June 1, 1876.

THE CLASS OF 1859 PRIZE.

The interest of \$2,000 will be given to the member of the Class of 1876 who may write the best essay on *The Wits of the Reign of Queen Anne*, and stand the best Examination on *Swift and Pope*.

The Essay must be handed in on or before June 1, 1876, and the Examination will be held in June, 1876.

N. B.—The subject of this prize in 1877 will be *The Poetry of Tennyson*.

THE CLASS OF 1861 PRIZE.

The Class of 1861 Prize, consisting of the sum of \$80, for the present year will be awarded to that member of the Sophomore class who shall stand the best competitive examination in June next on those portions of the mathematical course of the Sophomore year which shall be specially designated by the Professor of Mathematics.

THE FRESHMAN FIRST HONOR PRIZE.

A prize of \$200 will be given to that member of the Freshman Class, who having entered said class at the beginning of the College year shall, at the end of such year, be reported to the Trustees by the Faculty to have attained the highest average grade in Scholarship. No student, who has been suspended from College, or who has been put upon his last probation, shall be eligible to this Prize, and it is not to be given to the student taking the Stinnecke Fellowship.

SCIENCE AND RELIGION PRIZE.

A medal of the value of \$100 (or its equivalent in money), will be awarded to that member of the class of 1876 who shall pass the best examination in the department of the Harmony of Science and Revealed Religion, and write the best Essay on *The Importance of Religion to Science*.

THE JUNIOR FIRST HONOR SCHOLARSHIP.

The sum of \$200, presented by Mrs. John R. Thomson, of Princeton, N. J., will be awarded to the member of the Junior Class who stands highest on the scale of the Class during the Junior Year.

THE STINNECKE SCHOLARSHIP.

The Stinnecke Scholarship, of the annual value of \$500, tenable during the College course, unless forfeited by negligence of study, will be given to that person about to enter the Sophomore Class who shall have passed the best examination, at the opening of the session in September, 1878, in the Odes of Horace, the Eclogues of Virgil, and the Latin Grammar and Prosody, as well as the Anabasis or Cyropædia of Xenophon and the Greek Grammar. Students of the College who have been members of the Freshman Class will be admitted to such examination. The Committee of Examiners are appointed by the Trustees.

FELLOWSHIPS.

No student is allowed to compete for more than one of the Fellowships.

The student obtaining any one of the Fellowships must pursue studies in the Department for which the Fellowship is provided, for one year, under the superintendence of the Faculty, and will be required to live in Princeton, or appear in Princeton, from time to time as may be appointed; or, if he study at a foreign university, to furnish regular written reports of what he is doing.

THE MARQUAND CLASSICAL FELLOWSHIP.

The sum of \$600, to be paid quarterly, will be appropriated to the member of the Class of 1876 who may stand highest at a special examination to be held in June, 1876, on the following subjects:

IN GREEK.

Translation from English into Greek.

The Greek of the Junior Year.

Demosthenes and Æschines De Corona.

The History of Greece during the time of Demosthenes.

IN LATIN.

Translation from English into Latin.

The Latin of the Junior Year for 1875-76.

Four Books of Cicero's De Finibus, with a comparison of

The Epicurean and Stoic Philosophies.

The translation from English into Greek, and English into Latin, will be based upon Part First of Arnold's *Greek Prose Composition* and the whole of Arnold's *Latin Prose Composition* respectively.

THE J. S. K. MATHEMATICAL FELLOWSHIP.

The sum of \$600, to be paid quarterly, will be appropriated to the member of the Class of 1876 who may stand highest at a special examination to be held in June, 1876, on the following subjects:

Analytical Geometry.

Differential and Integral Calculus.

THE CHANCELLOR GREEN MENTAL SCIENCE FELLOWSHIP.

The sum of \$600, to be paid quarterly, will be appropriated to the member of the Class of 1876 who may write the best Essay on *Materialism, Ancient and Modern* (to be given in on, or before, June 1, 1876), and who may stand highest at a special examination to be held in June, 1876, on the following subjects:

A general knowledge of the Philosophies of Plato, Aristotle, Descartes, Locke, Hume, Kant, and Hamilton.

Cicero De Officiis, Chapter De Contentione Honesti et Utilis.

Theoretical Ethics.

Psychology and Metaphysics (McCosh's *Intuitions*, Parts I., II., and III., Book I).

The Syllogism.

THE CLASS OF 1860 EXPERIMENTAL SCIENCE FELLOWSHIP.

The sum of \$600 will be paid to the member of the Class of 1876 who may stand highest at a special examination, to be held in June, 1876, on the following subjects, viz.:

1. Light.
2. Physical Geography—Its relation to the welfare and historical development of the Human Race.
3. Iron—Its sources, preparation, properties, varieties, and relations. America's production and consumption.

THE BOUDINOT HISTORICAL FELLOWSHIP.

The sum of \$250 will be given to the member of the Class of 1876 who shall write the best Essay on the *Influence of Race and Climate upon Civilization*, and pass the best examination, in June next, on Montesquieu's Spirit of Laws, Buckle's History of Civilization, and Draper's History of the Intellectual Development of Europe. The Essay to be presented on, or before, June 1, 1876.

THE BOUDINOT MODERN LANGUAGE FELLOWSHIP.

The sum of \$250 will be given to the member of the Class of 1876 who shall pass the best examination in June, 1876, on the following subjects :

FRENCH.

Philology of the French Language.

History of French Literature from the middle of the 16th to the close of the 17th centuries.

Translation from any given French author into English.

Translation from English into French.

GERMAN.

History of Literature from Luther to Lessing.

Lessing: Nathan der Weise. Goethe: Egmont. Schiller: Maria Stuart, and die Jungfrau von Orleans.

Translation from English into German.

GENERAL COLLEGE ORDERS.

Every undergraduate student is expected to reside in the College during the whole of each Term, unless excused by the Faculty, and is required to attend all College exercises in the Chapel, to be present during the lectures and recitations of his Class, and avail himself of the privileges of the Library and Gymnasium upon the conditions and at the hours appointed.

TERMS AND VACATIONS.

The College Year is divided into Three Terms or Sessions.

The *first* term of the *present* College Year (1875-76) began on Wednesday, the 8th of September, 1875, and ends on Wednesday, the 22d of December. The *second* term begins on Wednesday, the 5th of January, 1876, and ends on Wednesday, the 12th of April. The *third* term begins on Wednesday, the 26th of April, and ends on Wednesday, the 28th of June, 1876—the day of the Annual Commencement.

The *first* term of the *next* College year (1876-77) will begin on Wednesday, the 13th of September, 1876, and will end on Wednesday, the 20th of December. The *second* term will begin on Wednesday, the 3d of January, 1877, and will end on Wednesday, the 18th of April. The *third* term will begin on Wednesday, the 25th of April, and will end on Wednesday, the 27th of June, 1877—the day of the Annual Commencement.

Students are required to return to College on the first day of each term, and absences, without satisfactory excuses, are made to have effect upon the standing of the students from the beginning of the term.

Students are not allowed to leave College during term-time without express permission obtained from the officer of the Class to which they belong.

COMMENCEMENT ANNIVERSARIES.

The ANNUAL COMMENCEMENT takes place on the last Wednesday in June.

The BACCALAUREATE SERMON of the President to the graduating Class is delivered before the College on the Sunday preceding the Annual Commencement.

The CLASS DAY celebration of the Seniors takes place on the Monday preceding the Commencement.

The LITERARY SOCIETIES celebrate their anniversaries on the Tuesday preceding the Commencement; in the morning, with an address by a graduate member of one of them; in the afternoon, with annual meetings in their

respective Halls; and, in the evening, with a public contest between the Junior Orators respectively representing them.

The ALUMNI ASSOCIATION OF NASSAU HALL holds its annual meetings in the Chapel in the afternoon of the day preceding the Commencement.

PUBLIC WORSHIP.

Daily prayers are offered in the Chapel, morning and evening, when one of the Faculty officiates.

Divine service is held in the Chapel on Sunday at 11 o'clock, A. M., when a sermon is preached by one of the clerical members of the Faculty.

Permission to attend divine service elsewhere than in College, on special occasions, is granted on application to the President.

Permission to attend regularly the worship of other religious denominations than that observed in the Chapel can be obtained only by presenting to the President a written request from the parent or guardian of the student.

RELIGIOUS INSTRUCTION.

A meeting for Religious Instruction is held every Lord's Day from 2.45 to 3.45 P. M., at which all the students are expected to attend, except those who may be certified by their parents or guardians as receiving religious training otherwise.

The service is conducted in the Chapel by the President, who delivers a course of Lectures extending over four years, embracing the Old Testament, the Life of Christ, the Planting of the Church, and Christian Doctrine in connection with the Epistle to the Romans. This year he lectures on the Old Testament.

Each class meets the President once a week for recitation on the Bible and on his Lectures.

The Freshman, Sophomore, and Senior Classes have a recitation in the Greek Testament every Monday morning.

ESSAYS AND ORATIONS.

The members of all the classes are required frequently to produce original Essays and submit them for criticism.

The members of the three lower Classes engage in elocutionary exercises before their respective Classes under the direction of the Professors of Rhetoric and Elocution.

The members of the Senior Class, in divisions, deliver orations of their own composition before the whole College in the Chapel on successive Saturday mornings of the First Term, under the direction of the President and the Professor of Rhetoric and Belles Lettres.

LECTURES AND RECITATIONS.

Each of the four Classes attends three Recitations or Lectures in the day, two in the morning and one in the afternoon, except on Saturday, when there is but one in the morning.

The Professors of Latin, Greek, Rhetoric, and Modern Languages take part in the instruction of the Freshman Class.

Gentlemen not connected with the College have the privilege of attending the Lectures on application to the Faculty.

COURSES OF LECTURES.

Psychology,	BY THE PRESIDENT.
History of Philosophy,	Do.
Astronomy,	PROFESSOR ALEXANDER.
History of Physical Science,	Do.
The Inductive Method in its application to Science,	Do.
Logic,	PROFESSOR ATWATER.
Metaphysics,	Do.
Moral Philosophy,	Do.
Political Economy,	Do.
Civil Government,	Do.
Physical Geography,	PROFESSOR GUYOT.
Geology,	Do.
Mathematics,	PROFESSOR DUFFIELD.
Chemistry,	PROFESSOR SCHANCK.
Applied and Organic Chemistry,	Do.
Anatomy and Physiology,	Do.
Natural Theology, Christian Evidences,	PROFESSOR SHIELDS.
Science and Religion,	Do.
European, American, and Universal History,	Do.
Science of Language,	PROFESSOR PACKARD.
Roman Literature,	Do.
French Language and Literature,	PROFESSOR KARGE.
German Language and Literature,	Do.
Greek Literature,	PROFESSOR MOFFAT.
English Language and Literature,	PROFESSOR MURRAY.
Physics,	PROFESSOR BRACKETT.
Rhetoric and English Prose Composition,	PROFESSOR HUNT.
Zoölogy and Botany,	PROFESSOR MACLOSKE.

SCHEDULE OF LECTURES AND RECITATIONS.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8½ or 9 a. m.	Greek Test.	Ethics and Pol.	<i>Latin.</i>	<i>History</i> or Geology.	<i>Chemistry.</i>	.....
10 a. m.	<i>Astronomy.</i>	.....	<i>Hist. Phil.</i>	Science and Rel.	<i>Math.</i>	<i>Gr. & Gr. Lit.</i>
11 a. m.	Bible.	Ethics and Pol.	Eng. Lang. & Lit.	<i>Mod. Lang.</i>	<i>Astronomy.</i>	<i>Chemistry.</i>
3 p. m.	<i>Physics.</i>	<i>Pol. Science.</i>	.....	Geology.	<i>Mod. Lang.</i>	.....
4 p. m.	.....	.....	.....	.....	<i>Chemistry.</i>	.....
8½ or 9 a. m.	Bible.	Physics.	Psychology.	<i>Greek.</i>	<i>Mod. Lang.</i> or Geology.	.....
10 a. m.	.....	<i>Mathematics.</i>	.....	<i>Mod. Lang.</i>	Botany.	Natural Religion
11 a. m.	.....	.....	Logic and Meta- physics.	<i>Greek.</i>	.....	.....
3 p. m.	<i>Latin.</i>	<i>Latin.</i>	Logic and Meta- physics.	Eng. Liter.	History or Geology.	.....
4 p. m.	<i>Mathematics.</i>	Physics.	.....	.....	.....	.....
8½ or 9 a. m.	Gr. Test.	Latin.	Math.	Latin.	Greek.	.....
11 a. m.	Greek.	Rhetoric.	Math.	Nat. History.	Greek.	.....
4 p. m.	Greek.	Math.	Math.	Latin.	Bible.	.....
8½ a. m.	Gr. Test.	Math.	Math.	Math.	Latin. [Hor.]	Rhetoric or Elocution.
11 a. m.	Greek.	Greek.	Greek.	Greek.	Bible.	.....
4 p. m.	Latin.	Latin.	Latin.	Latin.	Greek. [Dem.]	.....
8½ a. m.	Gr. Test.	Latin.	Latin.	Latin.	Latin. [Hor.]	Rhetoric or Elocution.
11 a. m.	Math.	Math.	Math.	Math.	Bible.	.....
4 p. m.	Greek.	Greek.	Greek.	Greek.	Greek. [Dem.]	.....
8½ a. m.	Gr. Tes.	Greek.	Greek.	Greek.	Latin. [Hor.]	Rhetoric or Elocution.
11 a. m.	Latin.	Latin.	Latin.	Latin.	Bible.	.....
4 p. m.	Math.	Math.	Math.	Math.	Greek. [Dem.]	.....

Required studies in Roman letters, elective studies in *Italics*.

GYMNASIUM.

The Gymnasium is open for the use of the students every day except Sunday, at morning, noon, and evening, during such hours as are not otherwise occupied with College duties.

LIBRARY HOURS.

The Chancellor Green Library is open every lawful day, except Thursday, for the consultation of books, from 10 to 11 A. M., and from 3 to 4 P. M. It is also open for the delivery and exchange of books from 12 M. to 1 P. M. on the days just indicated.

The use of books is allowed, under the rules, to all the students.

Resident graduates have the same privileges in the Library as undergraduates.

Members of the Literary Societies, and of the Philadelphian Society, have the additional privileges afforded by their respective Libraries and Reading Rooms.

COLLEGE EXPENSES.

All College expenses, including Board and Washing, must be paid in advance to the Treasurer of the College, and paid in full for the Session. Failure to comply with this regulation, unless excused, will involve suspension from College until payment is made.

When a student is dismissed from College for any cause; the whole amount advanced for Board, Washing, and Fuel, from the time of dismission, will be refunded to the order of his parent or guardian.

SCHEDULE OF EXPENSES, 1875-6.

	1st sess. 15 weeks.	2d sess. 14 weeks.	3d sess. 9 weeks.
Board (\$3.25 to \$7 per week).			
Washing,	7	7	5
Tuition,	30	25	20
Room Rent, (\$27 to \$86 per annum).			
FUEL DEPOSIT { Reunion Hall, double rooms, each occupant,	6	8	
{ " " single rooms,	8	10	
{ East, West, & North, double rooms, "	8	10	
{ North College, single rooms,	10	14	
Gas—Double rooms, each occupant,	6	8	4
Single rooms,	10	11	6
Public Rooms (Library, Gymnasium, &c.),	10	10	8
Entrance,	5		
Chem. and Philos. Apparatus (Seniors only)	2.50	2.50	
Comm. Expenses and Diploma "			14.50

The charges for Fuel and Gas are approximations; an account is kept with each room of the actual consumption, and the exact charge is adjusted at the end of the year.

Every student occupying a room in the College buildings furnishes his own room, and removes his furniture from it when he vacates it.

If any student desires to change his place of boarding during the Term, he must notify the Treasurer in advance.

All injuries done to any of the College buildings or property shall be assessed upon the authors of them, so far as known.

All damage done to students' rooms in the College, including the windows and doors in the same, shall be assessed upon their respective occupants. Cutting of doors and other wood work is strictly prohibited, and every piece so marred will be removed and replaced by new work at the cost of the occupants of the room. The only exception to this rule is in the case of damage *immediately* reported and proved to the Treasurer to have been committed by other persons, and beyond the power of the occupants of the room to prevent.

All injuries done in the several entries of the Colleges, or the rooms in such entries, not provided for by the foregoing rules, shall be assessed equally upon the occupants of the entry in which they occur.

Sums due for damage aforesaid, unless paid sooner, shall be charged in the College bills of the Session next following that in which they occur, and collected in the same manner, and under the same penalties of failure as other College dues.

NECESSARY EXPENSES.

The following is an approximate estimate of the necessary annual expenses for a student occupying a room in college, without including clothes, traveling, and board in vacations :

Board 38 weeks (\$3.25 to \$7) from	\$123 to \$266
Washing,	19 " 19
Tuition, Room, etc., (see Schedule)	143 " 214
Lights, (Kerosene and Gas)	6 " 27
Books,	15 " 25
	<hr/>
	\$306 551
Deduct for Students on Scholarships,	75
	<hr/>
	\$231

PECUNIARY AID.

A limited number of students of good moral character, intellectual ability, and promise, needing assistance, are aided in their efforts to obtain a liberal education by means of the endowed scholarships which yield to the College the amount of their tuition fees.

Application for admission to these scholarships, as they become vacant, should be made to Professor Lyman H. Atwater, D.D.

The College also possesses a fund given for the purpose of aiding indigent candidates for the ministry of the Presbyterian Church, from which they can receive at least thirty dollars a year each.

SOCIETIES, MUSEUMS AND APPARATUS

LITERARY SOCIETIES.

THE PHILOSOPHIC AND AMERICAN WHIG SOCIETIES are conducted by the undergraduates, but also include in their organization graduates and officers of the College. They possess valuable Libraries and Reading Rooms, exclusively for the use of their respective members, and engage in Literary exercises, including a public competition in oratory by representatives of the two Societies on the evening before the Annual Commencement. These Societies are considered a part of the educational apparatus of the College, and all Academic students are advised to join one of them.

THE PHILADELPHIAN SOCIETY.

THE PHILADELPHIAN SOCIETY OF NASSAU HALL is a religious Society composed of undergraduates united by a covenant of mutual religious aid and sympathy. Devotional meetings are held statedly under its direction, and a Reading Room containing religious books and periodicals is connected with its Hall.

MUSEUMS.

THE E. M. MUSEUM OF GEOLOGY was founded in 1874 by a generous benefactor of the College who wishes to remain unknown. It embraces specimens of casts of large fossil animals, American, European, and Asiatic, by Professor Henry A. Ward, such as the *Megatherium* and the *Glyptodon* of South America; the *Dinotherium* and the *Plesiosaurus Cramptoni*, the largest ever found, of Europe; the *Colossochelys* and *Sieotherium* of India, and many others, together with the gigantic *Hadrosaurus Foulkii*, from the marl beds of New Jersey, as restored by Professor B. Waterhouse Hawkins; several thousand species of smaller fossils, both American and European, of the various geological ages, and casts of typical and rare specimens, all arranged chronologically. The glacial period is illustrated by the original collection of Alpine erratic boulders of Professor Guyot, containing over five thousand specimens, the only one of the kind in existence, by means of which were demonstrated the limits and extent of the great glaciers of the Diluvian age in Switzerland.

A series of seventeen paintings, now in process of preparation by Professor Hawkins, under the direction of Professor Guyot, the preliminary sketches of which are already in their places, will illustrate the flora, fauna, and scenery of the several geological periods.

A considerable collection of gold and silver ores of Colorado and California, a part of which were collected by the Director himself, together with specimens of the rocks in which they occur, form, with specimens of the New Jersey ores, a beginning of a collection of Economical Geology.

The pre-historic department of the Museum contains a large collection of implements, pottery, ornaments, and animal bones of the Stone age and the Bronze age from the peat bogs, tumuli, and kitchen middens of Denmark, and from the lake-dwellings of Switzerland, together with a fine model of the last.

A valuable collection of antique Mexican pottery is the gift of Dr. Simpson, U. S. A.

Besides the general contributions above mentioned, the Director of the Museum gratefully acknowledges the gift of a valuable collection of fossils of New York State from Governor Olden ; another from G. T. P. Morrison, Class of 1861, collected by himself in the States of Ohio and Indiana ; a large specimen of coral from Mrs. Thomas Potter, and a very rare specimen of modern brachiopod from W. B. Devereux, Class of 1873. A most valuable addition is a collection of Mastodon bones, comprising nearly two-thirds of a single skeleton, from the State of New York, secured by the untiring efforts of Rev. A. A. Haines, and presented by him to the College.

A small Art Department occupies the portion of the room which was the site of the old College Chapel. It contains a historical collection of paintings, begun by President Maclean, embracing all the Presidents of the College to the present day ; the portrait of Washington by the elder Peale, with those of a number of distinguished friends of the College, Trustees, Governors of the State, and Professors, two of the last presented by the Class of 1875. By the exertions of two ladies of the faculty, and the liberality of lady friends of the College, a series of plaster models of antique statuary has been added. Mrs. Daniel Haines contributed a statue of the Flying Mercury, placed in the centre of a collection of over seven thousand coins and medals, mostly cast from the antiques ; Mrs. Jacob VanArsdale, Apollo Belvedere, Diana Huntress, and an allegoric statue of art ; Mrs. A. Guyot, Atlas ; Mrs. Prof. Cameron, Niobe ; Mrs. Prof. Packard, a bust of Homer ; Prof. Packard, Antinoüs ; the Misses L. and A. Withington, Hebe and Flora ; Miss C. King, Venus of Milo ; Mrs. John S. Gulick, a portrait of Dickens, painted by herself ; Miss Pryor, the portrait of her deceased brother, Class of 1870, by herself ; Mr. Paul Tulane, a statuette of Industry ; Dr. McCosh, some Chinese and Japanese works of art ; Mr. Richard Conover, ethnological specimens from the islands of the Pacific.

THE SCHOOL OF SCIENCE MUSEUM, embracing collections for the study of Natural History and Mineralogy, is now in process of arrangement by the Curator.

During the past year the Museum has been enriched by valuable additions from the Smithsonian Institution, through Professors Henry, Baird, and Gill.

Contributions have also been received from Mrs. R. L. Stuart, of New York ; Rev. R. B. Watson, of Edinburgh ; Dr. Dickie, of Aberdeen ; Dr. Vesey, of Washington, and A. R. Young, Esq., of New York ; a considerable number of plants from the Meissner Collection through the authorities of Columbia College, and a collection of several thousand plants from Prof. Guyot.

THE PHILOSOPHICAL APPARATUS of the College has been largely added to during the past two years, especially in the department of Physics, by a special donation for this purpose, made by Mr. John C. Green. The Cabinet pertaining to this department now embraces a great variety of apparatus for demonstration and research, and the Laboratory contains the appliances needed for the prosecution of original study. There is also a valuable collection of apparatus in the Department of Chemistry.

PROCEEDINGS OF THE CXXVIII ANNUAL COMMENCEMENT.

Sunday, June 27th, 1875.—The Baccalaureate Sermon to the Graduating Class was delivered by the President of the College at Eleven o'clock, A. M., in the First Presbyterian Church, on "The Royal Law of Love; or, Love in relation to Law and to God."

Monday, June 28th.—The Class of 1875 celebrated "Class Day" by literary and other exercises in the Church and around the Cannon, and by a Promenade Concert on the College grounds in the evening.

Tuesday, June 29th.—The Annual Oration before the Literary Societies was delivered by John K. Cowen, A. M., of the Class of 1866.

The Annual Meetings of the Societies were held immediately after the Oration in their respective halls.

The Annual Meeting of the Alumni Association of Nassau Hall was held at Three o'clock, P. M., in the Chapel.

In the evening the Junior Orations were delivered in the Second Presbyterian Church by the representatives of the Cliosophie and American Whig Societies.

Wednesday, June 30th.—At Nine o'clock, A. M., the Procession of Trustees, Faculty, Alumni, and Students was formed at the College Chapel and moved to the First Presbyterian Church, where the Commencement Orations were pronounced, the Degrees conferred, and the Prizes and Fellowships awarded. (See "Honor List.") The following Honorary Degrees were conferred in addition to those in regular course:—

- LL.D. Thomas A. McCarter, Esq., of New Jersey, Class of 1842.
- William A. Prime, Esq., of New York, Class of 1843.
- Rev. J. C. Backus, D.D., of Baltimore.
- Rev. A. B. Van Zandt, D.D., Professor in Theological Seminary at New Brunswick.
- D.D. Rev. Henry A. Butts, Professor in Drew Theological Seminary, Class of 1858.
- Rev. Samuel S. Mitchell, of Washington, Class of 1861.
- Rev. George Patterson, of Nova Scotia.
- D.S. Peter Cooper, Esq., of New York.
- PH.D. Samuel S. Orris, Professor in Marietta College, Class of 1862.
- A.M. General J. S. Negley.
- Colonel Lewis Fitzgerald, of New York.

His Excellency, Ulysses S. Grant, President of the United States, was present at the Commencement Exercises.

The proceedings of the Commencement were concluded with the usual Alumni Dinner in Dickinson Hall.

HONOR LIST FOR THE YEAR 1875-6.

MASTER'S ORATION,

Richmond Pearson, N. C., Class of 1872.

FELLOWS,

IN CLASSICAL LITERATURE,

Charles R. Williams, New York,
Pursuing studies in Princeton College.

IN MATHEMATICS,

George Bruce Halsted, New Jersey,
Pursuing studies in Princeton College.

IN MENTAL SCIENCE,

Frederick B. Van Vorst, New York,
Pursuing studies in Princeton College.

Archibald Alexander, New York,
Pursuing studies in Berlin.

IN EXPERIMENTAL SCIENCE,

Ellsworth Eliot Hunt, New Jersey,
Pursuing studies in Princeton College.

IN MODERN LANGUAGES,

John McElmoyle, Maryland,
Pursuing studies in Princeton College.

IN HISTORY,

Dudley Goodal Wooten, Texas,
Pursuing studies in Paris, Texas.

SENIOR PRIZEMEN,

IN ENGLISH LITERATURE,

John McElmoyle, Maryland.

IN SCIENCE AND RELIGION,

Allen Macy Dulles, Pennsylvania.

IN POLITICAL SCIENCE,

Patterson Andrews Reece, Ohio.

COMMENCEMENT ORATORS,

Charles Richard Williams, New York, <i>The Latin Salutatory.</i>	
Ellsworth Eliot Hunt, New Jersey, <i>The English Salutatory.</i>	
John P. Campbell, New York, <i>The Valedictory.</i>	
Arthur Newman, New York, <i>The Greek Salutatory.</i>	
Gustav Adolf Endlich, Pennsylvania, <i>The German Salutatory.</i>	
William Van Zandt Louderbough, Delaware, <i>Honorary Oration.</i>	
Walter H. Underwood, New York, <i>The Modern Language Oration.</i>	
John Patterson Coyle, Pennsylvania, <i>The Physical Oration.</i>	
John Smith Plumer, Pennsylvania, <i>Honorary Oration.</i>	
Charles Scribner, New York, <i>The Metaphysical Oration.</i>	
Charles Mowry Fleming, Pennsylvania, <i>Honorary Oration.</i>	
William Sanderson Cheesman, Jr., New York, <i>Honorary Oration.</i>	
Allen Macy Dulles, Pennsylvania, <i>Honorary Oration.</i>	
John McElmoyle, Maryland, <i>The Belles Lettres Oration.</i>	
George Bruce Halsted, New York, <i>The Mathematical Oration.</i>	
William King Eddy, Syria.	William Huston Grundy, Ohio.
Richard John Hall, New York.	William Crawford Johnson, Maryland.
Charles Chatlin Allen, Missouri.	Archibald Alexander, New York.
Henry Moffat, New Jersey.	James Edward Burr, Pennsylvania.
Charles Noble Frost, Michigan.	Frederick Boyd Van Vorst, New York.
Dudley Goodall Wooten, Texas.	Isaac Henry Lionberger, Missouri.
Alfred Small Brown, New York.	Augustus Frederick, New York.

JUNIOR FIRST HONOR SCHOLAR,

David Benton Jones, Wisconsin.

Thomas Davies Jones, Wisconsin.

MACLEAN PRIZEMAN,

Harry Edgar Davis, Washington, D. C.

JUNIOR ORATOR MEDALISTS,

Walter Lowrie, New York, First Medal,

Harry Edgar Davis, D. C., Second Medal,

John F. Duffield, New Jersey, Third Medal,

Albert Van Deusen, New York, Fourth Medal.

COMPETING JUNIOR ORATORS,

FROM THE PHILOSOPHIC SOCIETY,

John Fletcher Duffield, New Jersey,	David Benton Jones, Wisconsin,
Wm. James Henderson, New Jersey,	Albert Van Deusen, New York.

FROM THE AMERICAN WHIG SOCIETY,

Harry Edgar Davis, District Columbia,	James Walter Lowrie, New York.
Wm. Brenton Green, Jr., New York,	Leonard Walter Lott, New York.

DICKINSON PRIZEMAN,

George Black Stewart, Ohio.

SOPHOMORE HONORMEN.

NAME.	Rank In Class.	SCHOOL.
A. Riker, N. J.....	I.	Newark Academy.
W. M. Butler, Mo.....	II.	Public High School, St. Louis, Mo.
M. McNeill, Ill.....	III.	Rev. J. McLean, and Rev. J. Wassall.
J. H. Westcott, Pa.....	IV.	Germantown Academy, Germantown, Pa.
W. Hazard, S. C.....	V.	Georgetown Academy, A. McP. Hamby.
H. C. Pitney, N. J.....	V.	W. W. Perry, A.M., Private Instructor (Yale, '71).
F. Campbell, N. Y.....	VII.	Free Academy, Rochester, N. Y., N. W. Benedict.
S. Bratton, Md.....	VIII.	Elkton Academy, Rev. J. E. Alexander.
I. W. Wood, N. J.....	IX.	State Model School, Trenton, N.J., Prof. M. H. Martin.
W. E. Stemmmons, Ohio..	X.	Public Schools, Cadiz, O.
H. S. Stuart, Pa.....	XI.	West Nottingham Academy, Colora, Md., Geo. K. Bechtel.
W. Lloyd Smith, N. Y....	XII.	Elmira Free Academy, James R. Monks.
John Moore, N. J.....	XIII.	South Jersey Institute, Bridgeton, N.J., Prof. H. K. Trask.
W. Merle Smith, N. Y....	XIV.	Elmira Free Academy, Jas. R. Monks.
C. L. Spethmann.....	XV.	Gymnasia at Frankfurt on the Oder and Schleswig, Germany.
D. Bratton, Jr. Md.....	XVI.	Elkton Academy, Elkton, Md., Rev. J. E. Alexander.
J. P. Williamson, O.....	XVII.	Heidelberg College.
F. W. Brown, Jr., N. Y....	XVIII.	F. H. Stuart, M.D., Private Instructor.
G. Hartley, D. C.....	XIX.	Emerson Institute, Chas. B. Young.
A. T. Ormond, Pa.....	XX.	Glade Run Academy, Pa., Rev. A. B. Marshall and G. W. Meehlly, D.D.

FRESHMAN HONORMEN.

NAME.	Rank In Class.	SCHOOL.
H. S. S. Smith, N. J.....	I.	Dr. J. F. Pingry's School, Elizabeth, N. J.
H. M. McDonald, N. Y....	II.	Williston Seminary, East Hampton, Mass., Marshall Henshaw, L.L.D.
R. A. Mayo, N. Y.....	III.	Brooklyn Collegiate and Polytechnic Institute.
G. W. Kretsinger, Cal...	IV.	John Gamble, University Mound College, San Francisco, Cal.
R. L. Halsey, N. Y.....	V.	Ithaca Academy, Ithaca, N. Y.
G. A. Paull, Pa.....	V.	Prof. Hastings, West Philadelphia Academy.
A. H. Wintersteen, Pa...	VII.	Pennington Seminary, Pennington, N. J., J. A. Dilkes, A. M.
W. Dulles, Pa.....	VIII.	Prof. F. W. Hastings, Philadelphia.
A. D. Anderson, N. J....	IX.	J. M. Van Dyke, A. M., Select School, Lambertville.
F. S. Haines, N. J.....	IX.	Dr. J. F. Pingry's School, Elizabeth, N. J., [N. J.]
I. H. Hess, Md.....	XI.	Elkton Academy and Private Teacher, Mr. J. A. Keady.
G. A. Brandt, Pa.....	XII.	Gilbertsville Academy and Collegiate Institute, Gilbertsville, N. Y.
F. U. Bergner, Pa.....	XIII.	Princeton Preparatory School, Prof. V. Dabney.
J. I. B. Kelley, Ia.....	XIV.	Rev. A. H. Somes, Mass.
J. W. Robbins, Mass	XV.	South Berkshire Institute, New Marlboro, Mass., M. N. Tracy, A. M.
C. F. Davis, N. Y.....	XVI.	State Normal School, Cortland, N. Y., and Cazenovia Seminary.
R. J. A. Greene, N. Y....	XVII.	M. W. Lyon's Collegiate Institute, N. Y.
J. B. Townsend, S. I....	XVII.	St. Paul's School, Concord, N.H., Rev. Dr. H. A. Coll.
John Senckle, Md.....	XIX.	John Senckle, Baltimore, Md.
E. J. Van Lennep, Mass.	XIX.	Sedgwick Institute, Great Barrington, Mass., James Bird, A. M.
W. S. McEachron, N. Y....	XXI.	Delaware Academy, Delhi, N. Y.

THE JOHN C. GREEN SCHOOL OF SCIENCE.

This institution, endowed by Mr. John C. Green, entered on its third year September 8, 1875. It is a department of the College of New Jersey; the scientific instruction is imparted by the Professors of the School of Science, and the Professors of Science of the Academic Department, the students having access to any of the courses of lectures and recitations in the college.

It is established for the purpose of giving a thorough scientific training, together with a liberal education, to those who, through inclination, or in view of their future professional studies, may not choose to devote such attention to classical and philosophical studies as is required in the Academic Course.

In the Scientific School the students are regularly engaged in laboratory, museum, and field work, and make excursions to different points of interest.

For graduates and advanced students, and those desiring to pursue special branches, every facility will be supplied for study and research.

Two courses in general science are thrown open in this School. The one is for those who enter directly. After pursuing three years' study they may become candidates for the Degree of Bachelor of Science (B.S.). The other is for those who have taken the Degree of Bachelor of Arts, and who, after pursuing a two years' course in special departments of science, may apply for the degree of Master of Science.

To those who shall pursue a course of diligent study and original research for two or more years after obtaining the Bachelor's Degree, and shall exhibit their attainments by passing an examination, and by producing a thesis based upon such original research, the Trustees may grant a degree of Doctor of Science.

TERMS OF ENTRANCE.

Candidates must be at least sixteen years of age, and bring satisfactory testimonials of moral character. They will be examined in the following books and subjects:

ENGLISH: Orthography; Punctuation; English Grammar; Simple English Composition; Geography (Guyot's). History of the United States (Wilson's).

MATHEMATICS: Arithmetic (entire) including the Metric System; Algebra (Ray's Higher as far as the General Theory of Equations). Plane and Solid Geometry.

LATIN: Grammar; Cæsar (three books); two books of the *Æneid*.

Equivalents in other text books than those specified will be received. Examinations for entrance will be held on Thursday, June 29, and Wednesday, Sept. 13, 1876.

While the courses of study are different in the Academic and Scientific Departments, it is expected that those who take the latter course will show the same diligence in study as those who take the former; and they will be expected to pay like attention to the laws and discipline of the College with regard to moral conduct and attendance on religious instruction and worship.

BACHELOR OF SCIENCE.

The course of study for this degree occupies three years, as follows:—

FIRST YEAR.

MATHEMATICS: Plane and Spherical Trigonometry; Mensuration; Navigation; Surveying; Analytical Geometry. **DESCRIPTIVE GEOMETRY:** General Orthographic Projections—theory and plates. **INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS.** **MINERALOGY:** Crystallography; Blow-pipe Analysis. **BOTANY.** **ANATOMY AND PHYSIOLOGY (Human).** **ENGLISH:** Rhetoric; Essays; Elocution. **MODERN LANGUAGES:** French (optional); German; Grammar and Reader; Oral and Written Exercises. **DRAWING:** Elements of Industrial Drawing.

SECOND YEAR.

MATHEMATICS: Differential and Integral Calculus. **MECHANICS:** Rational Mechanics. **PHYSICS.** **CHEMISTRY.** Quantitative Analysis. **MINERALOGY:** Descriptive and Determinative. **ZOOLOGY.** **PHYSICAL GEOGRAPHY.** **ENGLISH LITERATURE.** **MODERN LANGUAGES.** **DRAWING.** **LOGIC.** (PSYCHOLOGY. Either of these.)

THIRD YEAR.

ASTRONOMY: (Practical). **PHYSICS.** **MECHANICS:** Physical Mechanics of Solids and Fluids. **CHEMISTRY:** Organic and Applied, including Agricultural Chemistry, Galvanism, &c. **QUANTITATIVE ANALYSIS:** Volumetric Analysis; Assaying. **MINERALOGY:** Descriptive and Theoretical. **BIOLOGY.** **GEOLOGY.** **ENGLISH LANGUAGE AND LITERATURE.** **ETHICS AND POLITICAL ECONOMY.** **MODERN LANGUAGES.** **DRAWING.**

MASTER OF SCIENCE.

Bachelors of Arts of this College, or of other Colleges having equivalent courses of study, applying for this degree will take up the studies which they have not pursued in their academic course, but their studies in these branches will be more extended than in the course for Bachelor of Science.

FIRST YEAR.

BOTANY. **CHEMISTRY:** Applied; Qualitative Analysis; Quantitative Analysis begun. **PHYSICS.** **MINERALOGY.** **DRAWING.** **MODERN LANGUAGES (one or more.)** **DSSERTATIONS** on Scientific Subjects.

SECOND YEAR.

PRACTICAL ASTRONOMY. **PHYSICS.** **CHEMISTRY:** Quantitative and Volumetric Analysis; Assaying. **MINERALOGY.** **DRAWING.** **MODERN LANGUAGES.** **DSSERTATIONS** on Scientific Subjects.

CIVIL ENGINEER (C.E.).

This department, recently endowed by Mr. John C. Green, is already in operation. It is proposed to make the course of study for this degree occupy four years.

Although the studies of the first two years will be, mainly, the same as those in the course for the degree of Bachelor of Science, it is proposed that the two schemes of study shall diverge from the beginning by the substitution of Field-work and Drawing for a part of the experimental studies pursued by the General Science students during these years. The third and fourth years in Civil Engineering will contain the following special studies:—

TOPOGRAPHICAL DRAWING: Profiles; Pen and Colored Topography; Maps of Trigonometrical, Topographical, and Hydrographical Surveys; Plans and Profiles of Mines; Town Maps; Maps of Landscape Designs and Surveys; Preliminary and Final Drawings of Routes; Property Maps. STEREOTOMY: Cinematics; Machine Drawing; Structure Drawing; Stone Cutting. GEODESY: Trigonometrical, Topographical, and Hydrographical Surveying; Stadia Surveys; Town, Plane Table, and Mine Surveying; Preliminary and Final Surveys of Routes, and staking out for Construction; Leveling with the Barometer. MECHANICS: Rational Mechanics of Solids and Fluids; Physical Mechanics of Solids and Fluids. APPLIED MECHANICS: Theory of Stresses in Roofs and Bridges; Stability of Walls and Arches; General Theory of Machines; Hydraulic Motors; Theory of the Steam and Air Engine. CONSTRUCTIONS: Materials of Structures; Dressing and Preservation of Materials; Foundations; Details of Roofs and Bridges; Construction of Roads, Railroads, Canals, and Tunnels; Harbor and River Improvements; Water Supply and Drainage; Warming and Ventilation; Designs for and Reviews of Special Structures.

In addition to the above the candidate for a degree will be required to take such studies from the second and third years of the Scientific Course as will best fit him for the pursuit of, and original research in, cognate branches of learning.

SPECIAL STUDENTS.

For graduates or others who desire to devote especial attention to any of the scientific studies of the School, arrangements can be made with the Professors of those branches. Every facility will be offered for their advancement in the studies selected, with the personal supervision of the Professors and full access to the collections, etc.; but it must be distinctly understood that this opportunity is intended only for those who desire to attain proficiency in special branches, and not for students who have failed to keep up with the regular classes. To special students passing satisfactory examinations in the branches selected, certificates of proficiency will be given. The branches open to special students include: *Geology; Mineralogy; Natural History; Physics; Analytical and Applied Chemistry; Assaying.*

EXPENSES.

The Tuition Fee for the courses for C.E., B.S., and M.S. is \$120 per annum, to which will be added Room Rent, Fuel, etc., the same as in the Academic Department (See Catalogue). For special students in Chemistry \$120 per annum; for other special courses the fees will be arranged with the Professors in charge.

Each student will further be required to make an annual deposit of \$10 each term to pay for materials consumed and apparatus injured or destroyed; at the end of the course any balance in his favor will be returned to him.

TERMS AND VACATIONS.

These are the same as in the Academic Department. There are three terms, as follows:—*First* term, Wednesday, Sept. 8, to Wednesday, Dec. 22, 1875, inclusive. *Second* term, Wednesday, Jan. 5, to Wednesday April 12, 1876, inclusive. *Third* term, Wednesday, April 26, to Wednesday, June 28, 1876, the day of Annual Commencement.

BUILDINGS, APPARATUS, AND COLLECTIONS.

The School of Science Building, erected for the especial use of the Scientific Department, contains large and commodious Lecture and Recitation Rooms, Chemical, Physical, and Assay Laboratories, Museums, a drawing room and photographic rooms, besides the private rooms of the Professors. The Laboratories are supplied with all the apparatus requisite for the study of the higher branches of Science. The Museums comprise full collections for the study of Geology, Mineralogy, Natural History, and Chemistry. Students of the School have access to the College Library, recently erected for it by the liberality of Mr. John C. Green, to the College Gymnasium, and to such religious privileges and instructions as are enjoyed by the other students of the Institution.

STUDENTS.

THIRD YEAR.

HOWARD RUSSELL BUTLER,	Yonkers, N. Y.,	18 S E
JOHN GILES CECIL,	McAfee, Kentucky,	45 N
FRANK DAVENPORT COOK,	Trenton,	Mrs. Stonaker's
JOHN AYCRIGG HEGEMAN,	Brooklyn, N. Y.,	8 S R H
ROBERT HASEL MCKOY,	Wilmington, N. C.,	16 S E
WILLIAM BERRY MCKOY,	Wilmington, N. C.,	16 S E
CHARLES ROBINSON SMITH,	Menasha, Wis.,	9 S R H
WILLIAM PAXTON STEVENSON,	Baltimore, Md.,	Mr. Stevenson's

SECOND YEAR.

GEORGE SIDNEY ADERTON,	St. Louis, Mo.,	7 S W
CHARLES H. ANDERSON,	Flemington,	15 S W
*JOHN BIGGS,	Summit Bridge, Del.,	9 N M R H
WILLIAM BURGESS,	East Orange,	6 N W
HENRY DWIGHT CHAPIN,	New York City,	Mr. Carpenter's
JAMES O'HARA DENNY,	Pittsburgh, Pa.,	10 S W
EDWIN RUTHERFORD JOHNSTON,	Cumberland, Md.,	Mrs. Payran's
EDWARD S. MCCALMONT,	Franklin, Pa.,	4 S W
CRITTENDEN MCKINLEY,	St. Louis, Mo.	Mr. Carpenter's
DONALD FRASER MCPHERSON,	Mumford, N. Y.,	Dr. Lytle's
WILLIAM MITCHILL NORRIS,	Princeton,	Mr. Norris'
WM. PROSSER SAMUEL,	St. Louis, Mo.,	7 S W
CHAS. ELTON STEVENS,	Waterbury, Conn.,	Mrs. Stockton's
HENRY BURLING THOMPSON,	Philadelphia, Pa.,	17 S E

* Partial Course.

FIRST YEAR.

ROGER SHERMAN BARTLEY,	Washington, D. C.,	Mrs. Whitcomb's
CHARLES DAY BENNETT,	Newark,	Mrs. Anderson's
ALEXANDER BROWN,	Baltimore, Md.,	9 N E
FRED. A. CARY,	Milwaukie, Wis.,	10 Warren's
OLIVER CHAMBERS,	Chambersburg, Pa.,	Carpenter's
COURTLANDT CHARLES CLARKE,	Brooklyn, N. Y.,	Mrs. Van Marter's
J. HENRY DEVEREUX,	Deposit, N. Y.,	8 N E
ALANSON TRASK ENOS,	Brooklyn, N. Y.,	Mrs. Wright's
EDGAR FARRIS EWING,	Decatur, Ill.,	46 N
WALTER HARTSHORNE,	Baltimore, Md.,	38 N
GEORGE ALLAIRE HOWE,	Pittsburgh, Pa.,	Mr. Brown's
ELISHA KENT KANE,	Kane, Pa.,	Dr. Shields'
ROBERT MCCALMONT,	Franklin, Pa.	4 S W
ANDREW MCKINLEY, JR.,	St. Louis, Mo.,	Mr. Carpenter's
JAMES MCINTOSH MILLS,	Griffin, Ga.,	23 and 24 Warren's
WILLIAM HAUGHTON MURRAY,	Princeton,	Prof. Murray's
† FRANCIS SIDNEY PAPIN,	Keokuk, Iowa,	Mr. Anderson's
CHARLES RUDOLPH,	St. Louis, Mo.,	Miss Hageman's
JOHN SHULTZ SHRIVER,	Baltimore, Md.,	16 N E
HERBERT STEARNS SQUIER SMITH,	Plainfield,	19 N W
GEORGE HENRY STOKES,	New York City,	2 S R H
JOHN CLUTE THURSTON,	New York City,	Mrs. Hudnut's

SPECIAL STUDENT.

FRANCIS ROBBINS UPTON, B.S.,	Peabody, Mass.,	Mr. Whitcomb's
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SUMMARY.

Third Year Students,	- - - - -	8
Second Year	" - - - - -	14
First Year	" - - - - -	22
Special Student,	- - - - -	1
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† Not fully examined.

SCHEDULE OF LECTURES AND RECITATIONS.—SCHOOL OF SCIENCE.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
$8\frac{1}{2}$ or 9, a. m.	Bible.	Ethics and Pol.	Exp. Physics.	Mechanics or Geol.	Chemistry.	
11 a. m.	Anal. Chem.	Ethics and Pol.	Eng. Lang. and Lit.	Mineralogy.	Astronomy.	Anal. Chem.
$3\frac{1}{4}$ or 4, p. m.	Physics.	Biology.	Physics.	Mechanics or Geol.	German.	
$8\frac{1}{2}$ or 9, a. m.	Bible.	Physics.	<i>Psych. or Draw'g.</i>	Mineralogy.	Zoölogy or Geol.	
11, a. m.	Physics.	Math.	<i>Logic or Drawing</i>	German.	Anal. Chem.	Anal. Chem.
$3\frac{1}{4}$ or 4, p. m.	Math.	Physics.	Zoölogy.	Eng. Lit.	Mechanics or Geol.	
$8\frac{1}{2}$ or 9, a. m.	Anal. Chem.	Botany.	Math.	Mineralogy.	Rhetoric.	Elocution.
11, a. m.	Bible.	German.	Math.	Anat. and Phys. or Chem. &c.	Drawing.	Chemistry.
$3\frac{1}{4}$ or 4, p. m.	Drawing.	Math.	Math.	Anal. Chem.	Chemistry.	

THIRD YEAR CLASS.

SECOND YEAR CLASS.

FIRST YEAR CLASS.

PREPARATORY SCHOOL.

INSTRUCTORS.

PRINCIPAL,

REV. CHARLES JEWETT COLLINS, A.M.

ASSISTANTS,

CHARLES R. WILLIAMS, A.B., ALLEN M. DULLES, A.B.,
Ancient and Modern Languages. History, Mathematics, and Penmanship.

PROF. S. G. PEABODY (of the College),
Vocal Training.

GEORGE GOLDIE (of the College),
Referee in Physical Training.

TERMS OF ADMISSION.

Satisfactory evidence of the applicant's good moral character must be presented in writing. If previously a pupil at any Boarding-School, a certificate of honorable dismissal and good character will be required from him here. To enter the lowest class the applicant must be able to spell with reasonable correctness; to write legibly and easily; to read fluently both script and print. He must be able to pass an examination in the fundamental principles of Geography, and in the Political Geography of the United States; in Arithmetic through common fractions; and in English Grammar to the extent of parsing a simple sentence. To enter a higher class, he must pass an examination in the studies already pursued by the class, or in a fair equivalent.

TERMS AND VACATIONS.

Same as those of the College.

EXPENSES.

Board, Tuition, Washing, Fuel, and Lights, per annum	-	-	\$500 00
PAYABLE AS FOLLOWS:			
At beginning of the First Term	-	-	\$185 00
" " " " Second Term	-	-	184 00
" " " " Third Term	-	-	131 00

COURSE OF STUDY.

JUNIOR YEAR.

FIRST TERM.	{	Latin Grammar. Latin Lessons. Cesar (Commentaries). Geography (Guyot's Gram. School). Written Arithmetic.
SECOND TERM.	{	Latin Grammar. Cesar (II., III). Latin Composition, Arnold. Roman History (Smith's Smaller). Geography, finished. U. S. History (Barnes's). Written Arithmetic.
THIRD TERM.	{	Cesar (IV.); Grammar; continued. History of Rome; Long's Class. Atlas. Arnold's L. P. C. Greek Grammar; Lessons. Greek Reader, (Goodwin, 25 pp). Arithmetic, Metric System.

MIDDLE YEAR.

FIRST TERM.	{	Cicero (Catiline I., II., III). History of Rome; Arnold's L. P. C. Greek Reader (to page 28). History of Greece (Smith's Smaller). English Grammar and Composition. Mental Arithmetic.
SECOND TERM.	{	Cicero (Catiline IV., Pro Archia, Man Lex). Arnold's L. P. C.; History of Rome. Greek Reader (to Hellenica II). History of Greece. English Grammar and Composition. Mental Arithmetic; Algebra, to Fractions.
THIRD TERM.	{	Sallust, Catiline; Arnold's L. P. C. Greek Reader (to page 74). Greek Prose Composition. Algebra, to Simple Equations. English Grammar and Composition.

SENIOR YEAR.

FIRST TERM.	{	Greek Reader, finished; Arnold's G. P. C. Virgil, three books of Æneid. Arnold's L. P. C. Homer, one book of Iliad. English Grammar and Composition. Algebra, to Roots. Geometry, Todhunter's Euclid.
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SECOND TERM.	{	Virgil, three books of <i>Æneid</i> . Homer, a second book of <i>Iliad</i> . Arnold's Greek and Latin Prose. Algebra, finished. Geometry, first book finished.
THIRD TERM.	{	Review of Studies preparatory to Examination. Essays, Declamation and Debate throughout the Course.

The above schedule of studies has been adopted for the present year, and may hereafter be modified and extended.

